

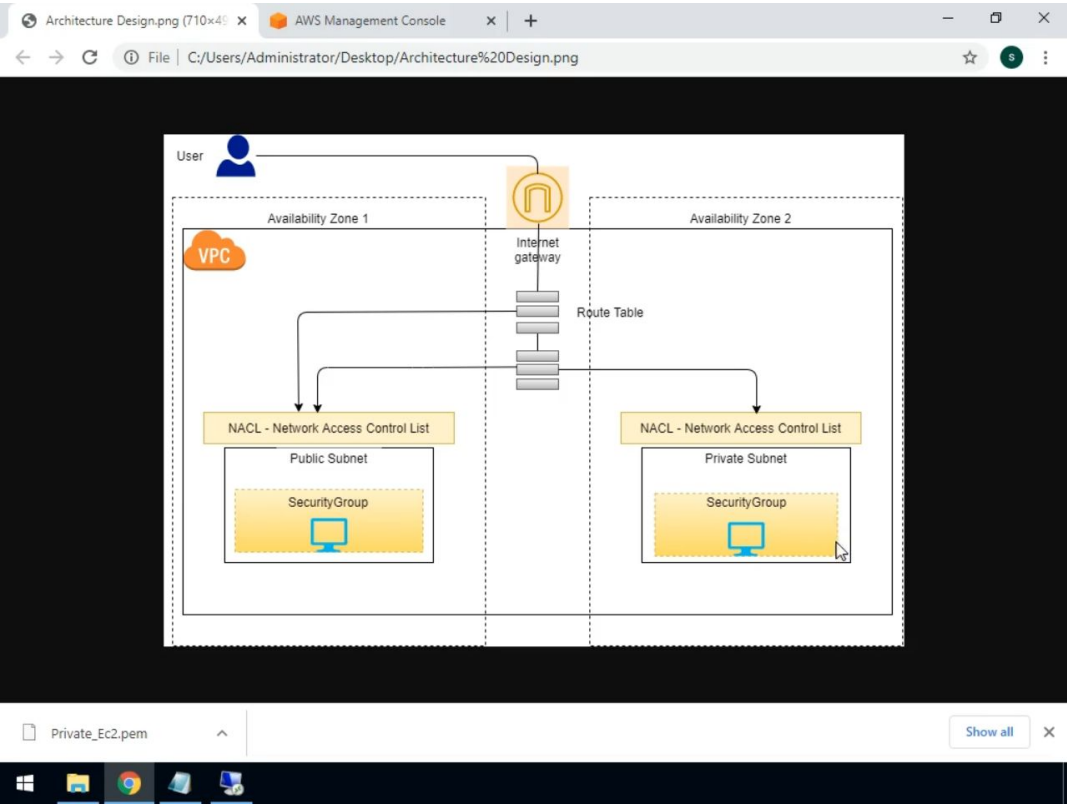


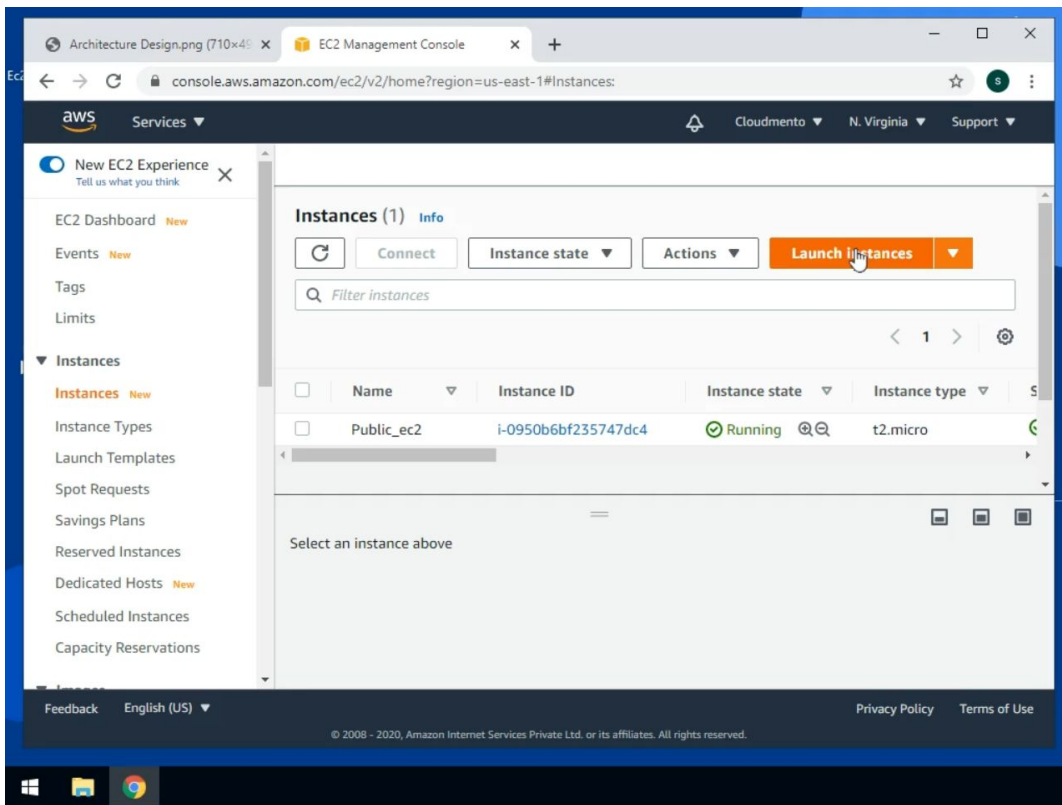
Coursera - Create your first custom VPC and its components in AWS

Generated on December 12, 2023

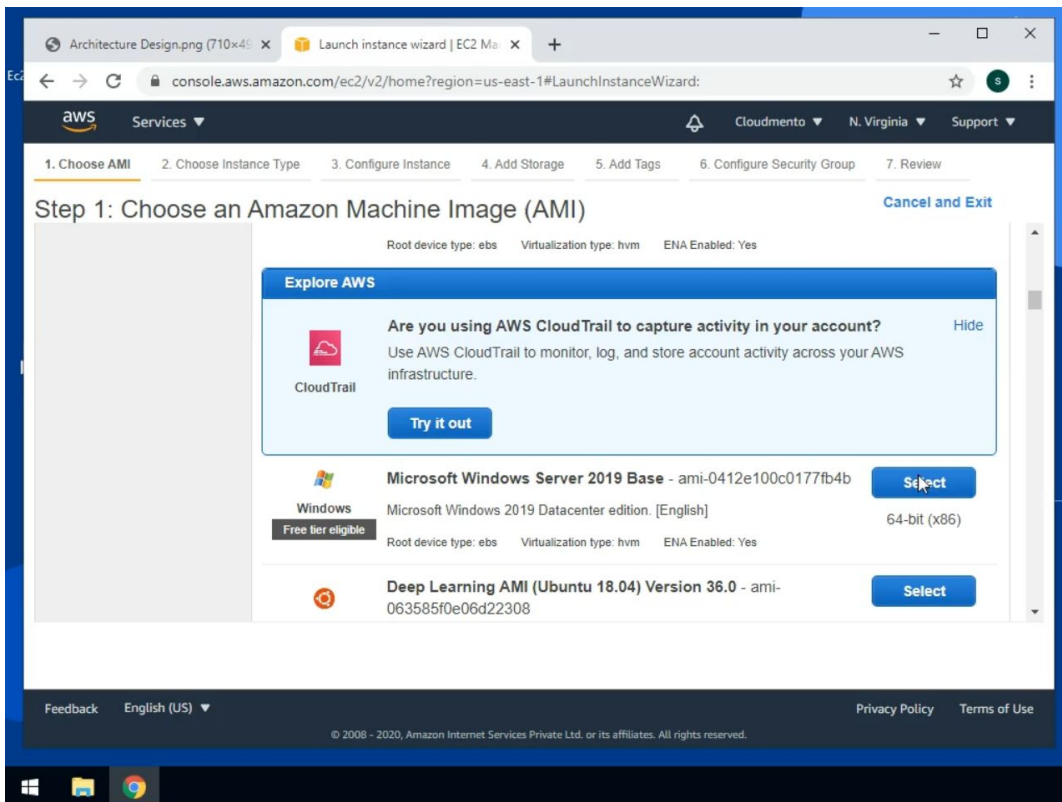
Summary

Notes	Screenshots	Bookmarks
2	23	0





0:31



0:43

Architecture Design.png (710x48) Launch instance wizard | EC2 Ma x +

console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:

aws Services Cloudmento N. Virginia Support

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance families Current generation Show/Hide Columns

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, -, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

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0:48

Architecture Design.png (710x48) Launch instance wizard | EC2 Ma x +

console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:

aws Services Cloudmento N. Virginia Support

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances 1 Launch into Auto Scaling Group

Purchasing option ☐ Request Spot instances

Network vpc-fd549880 (default) Create new VPC

Subnet vpc-0321cd25bc851d1ff | first_vpc Create new subnet

Auto-assign Public IP Use subnet setting (Enable)

Placement group ☐ Add instance to placement group

Capacity Reservation Open

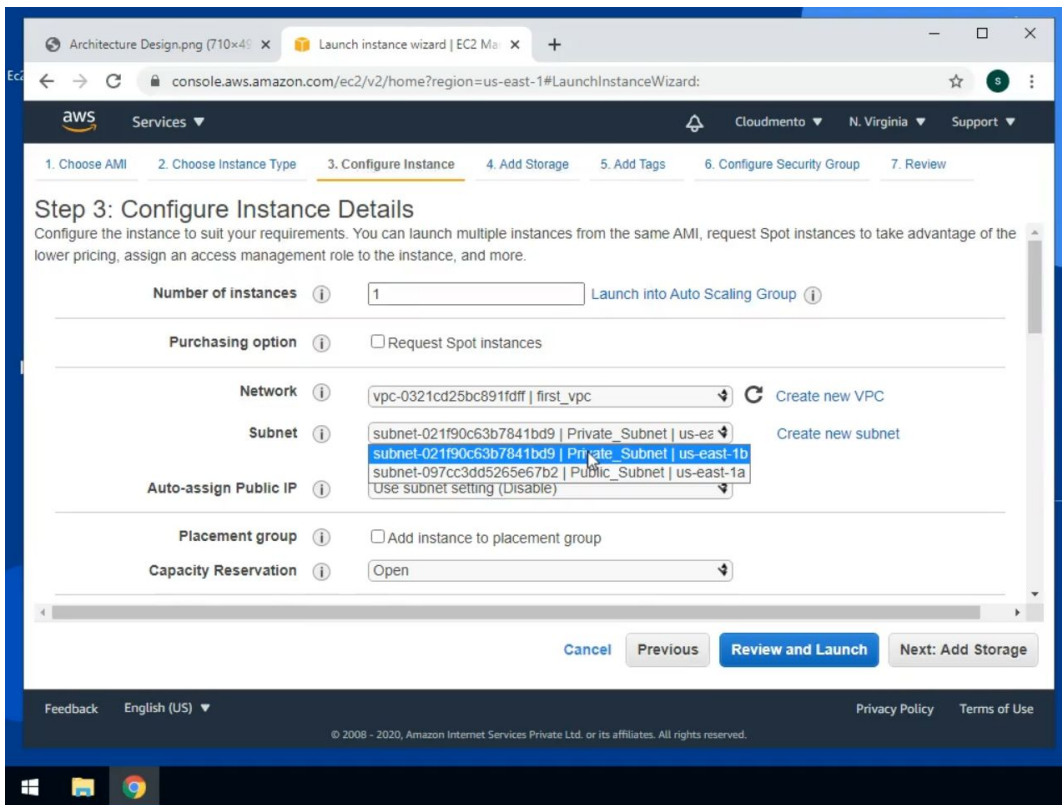
Domain join directory No directory Create new directory

Cancel Previous Review and Launch Next: Add Storage

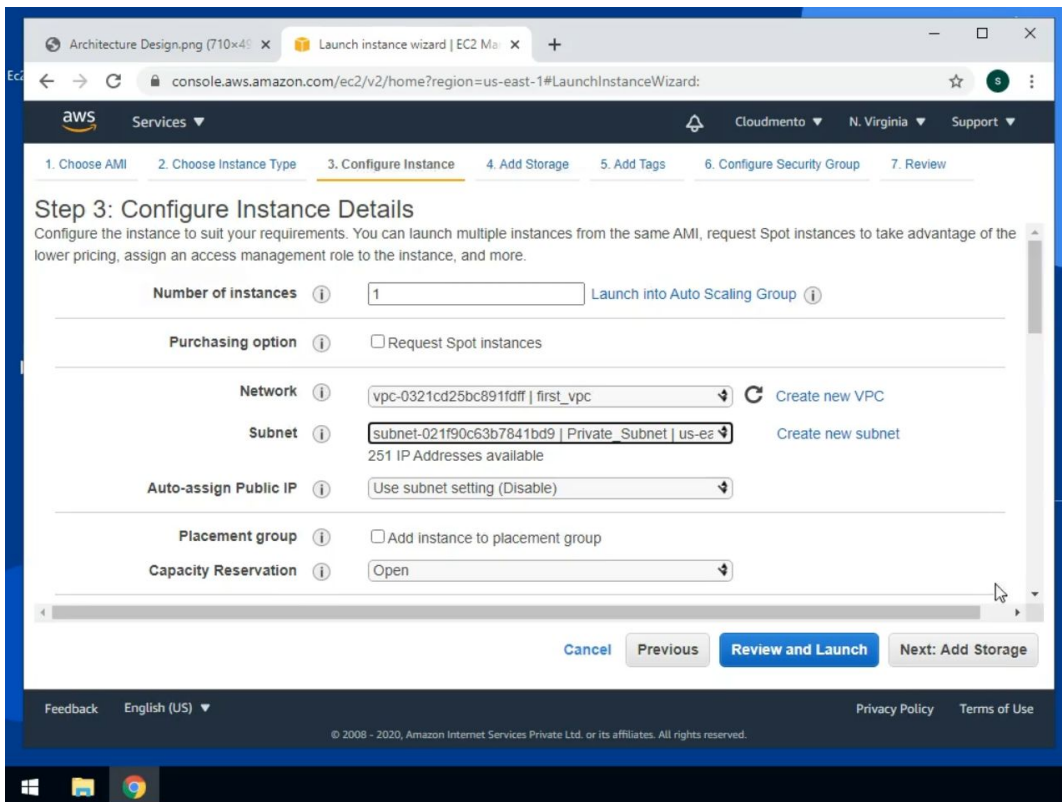
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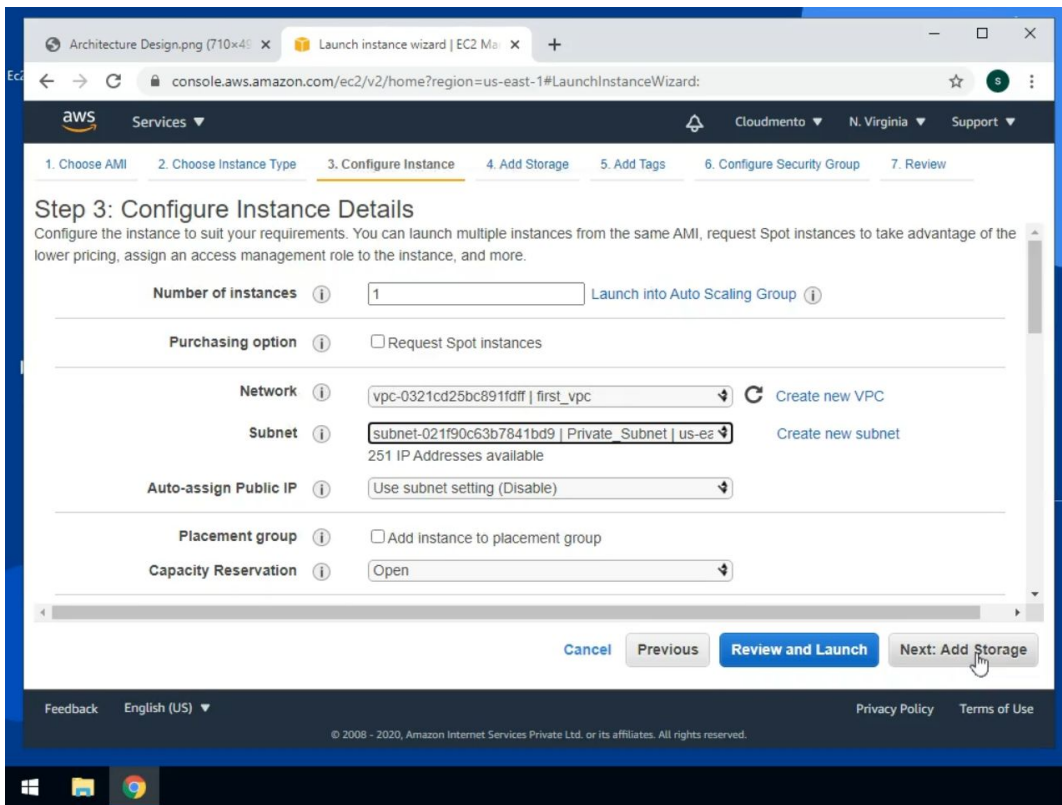
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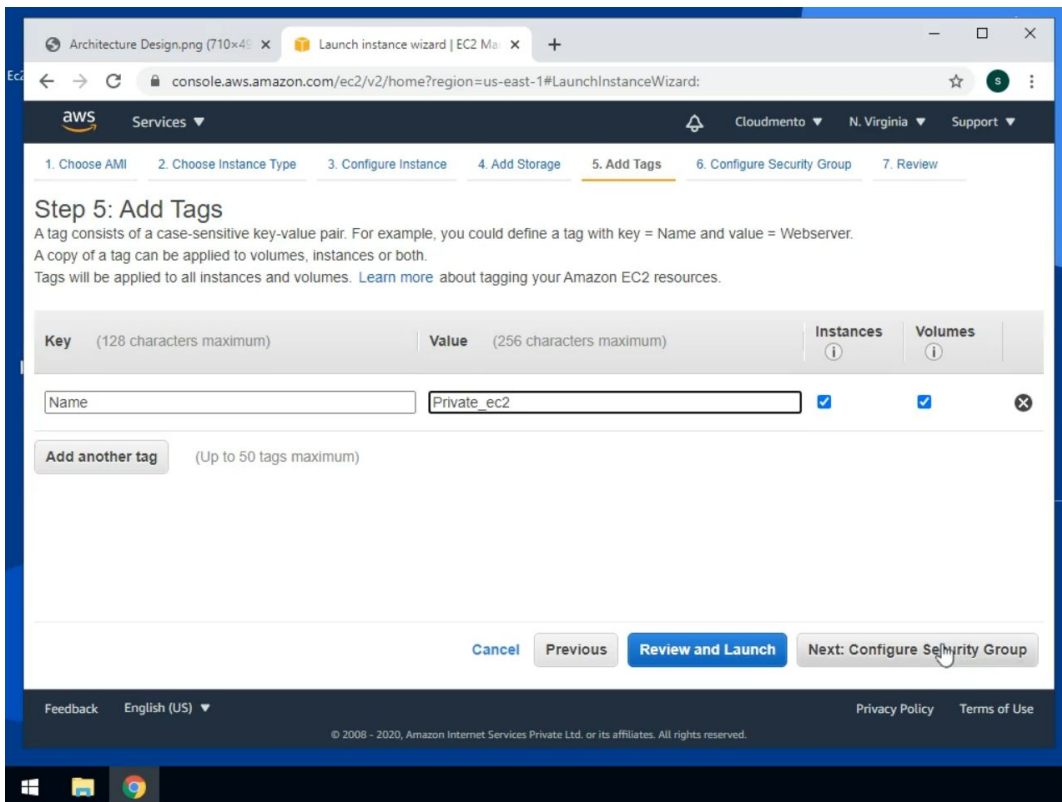
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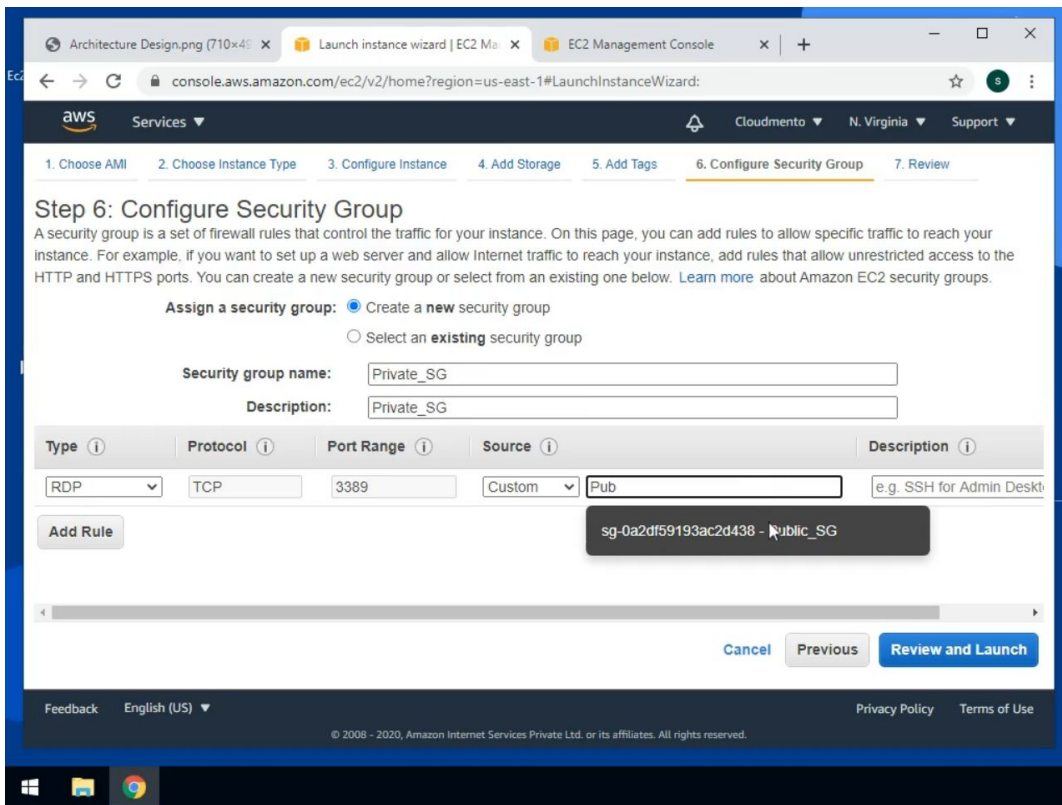
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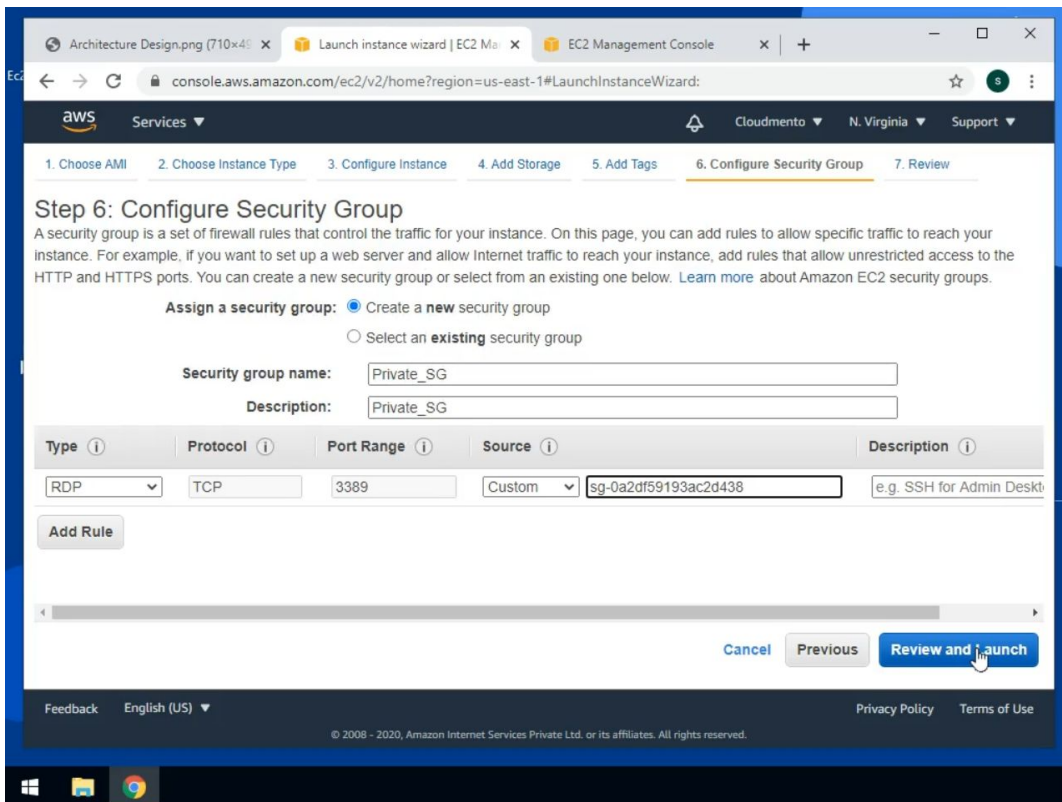
1:12



1:42



2:27



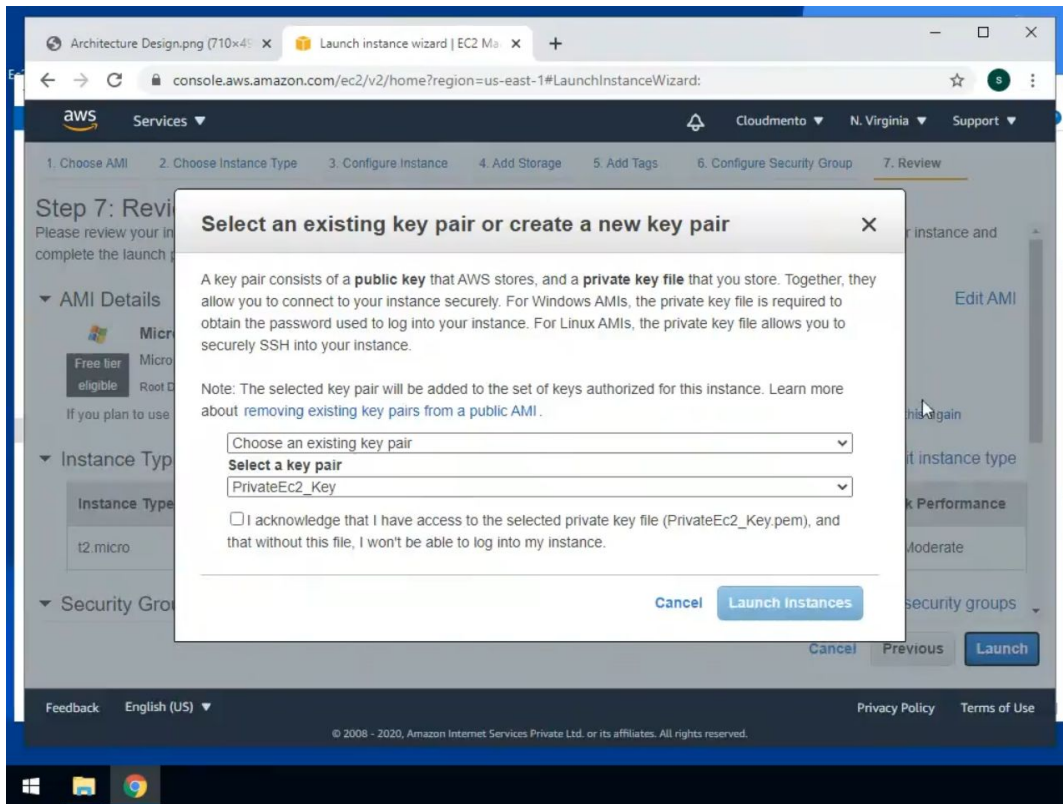
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we will select security group of public instance

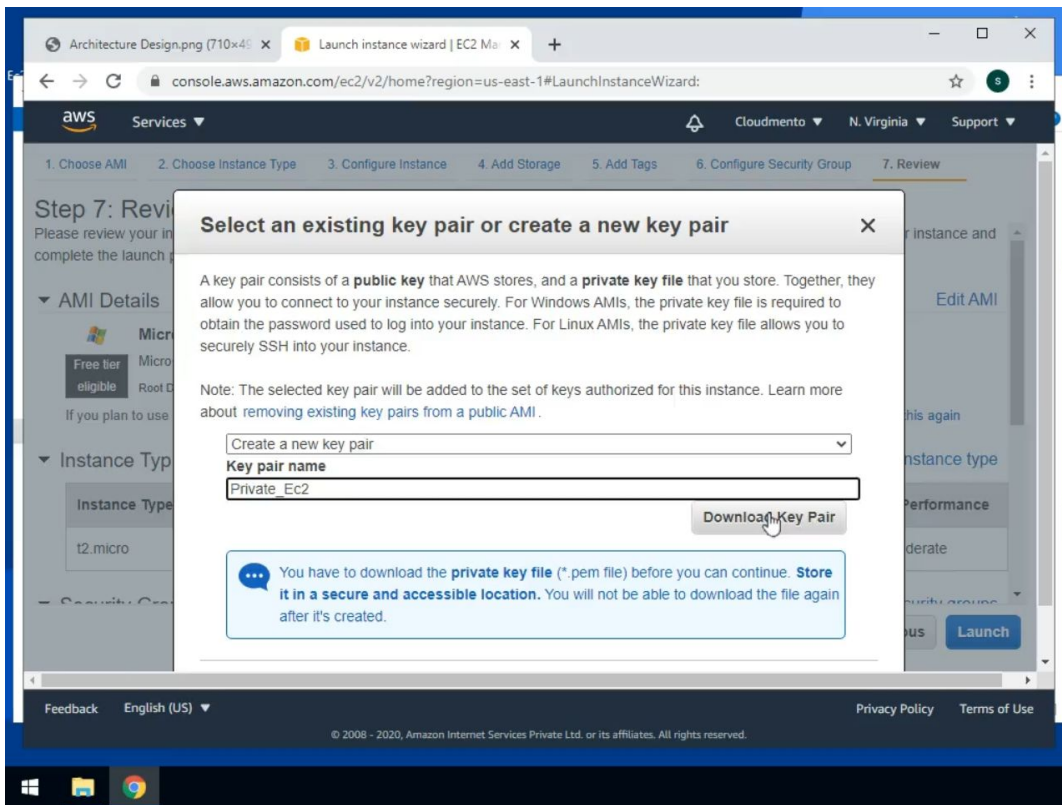
because we don't allow it to be public to everyone

we are just allowing it to be public subnet

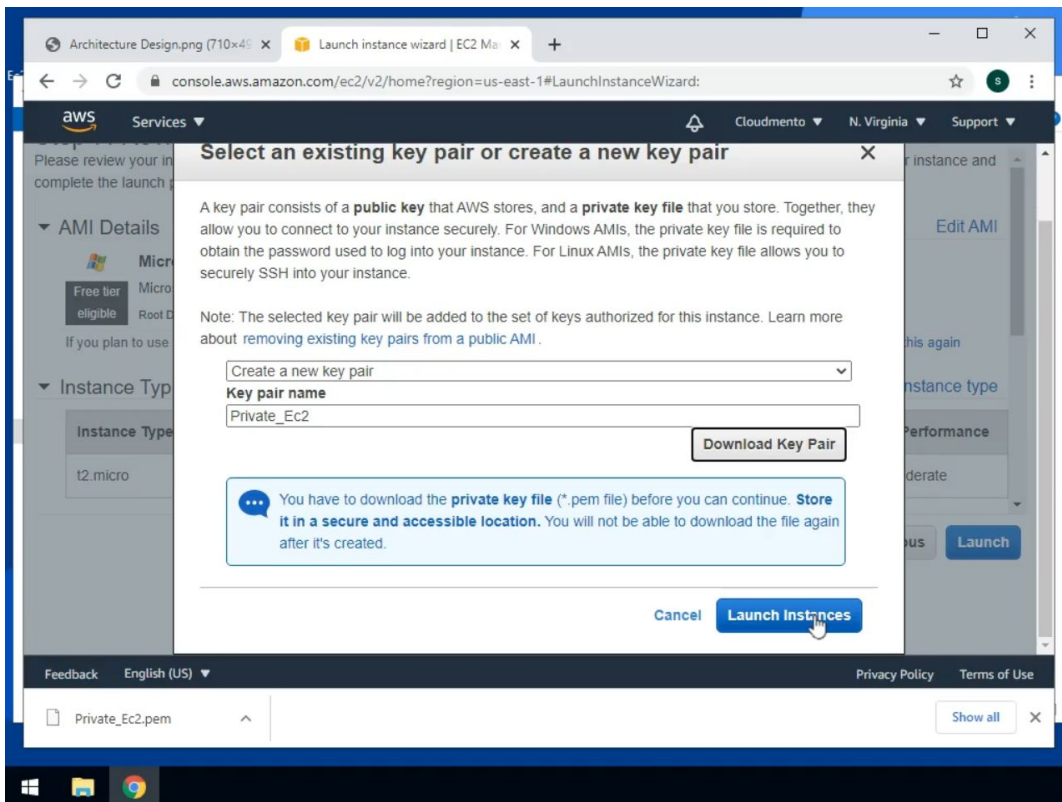
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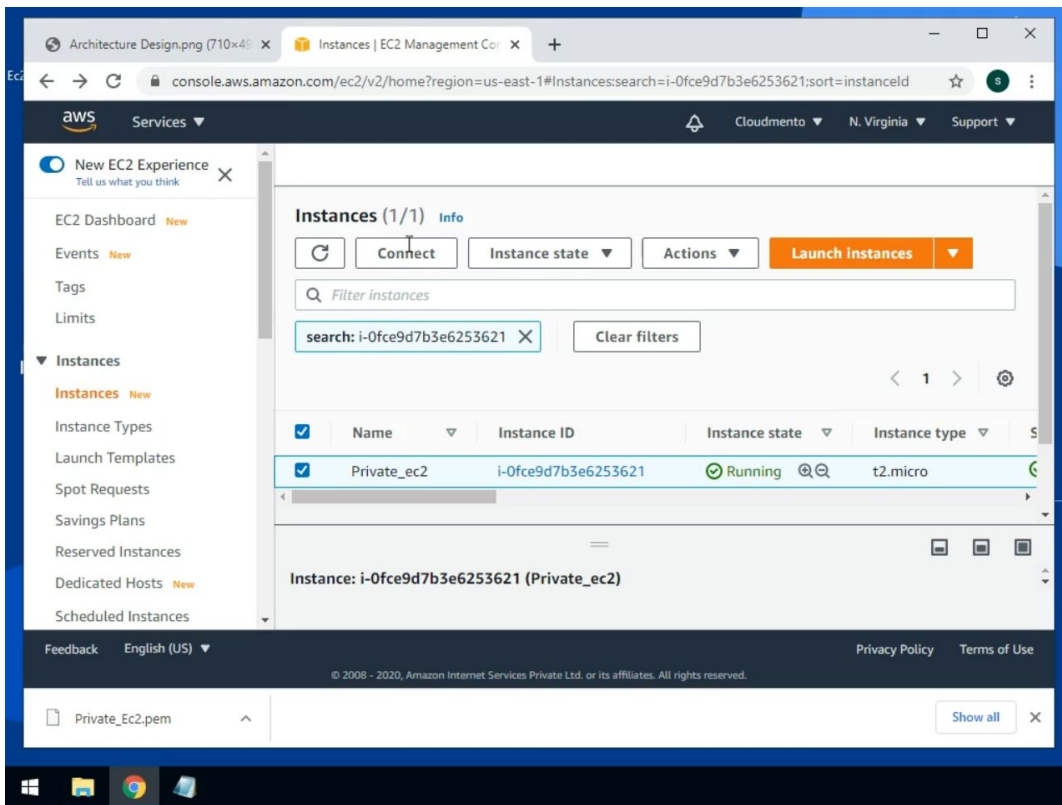
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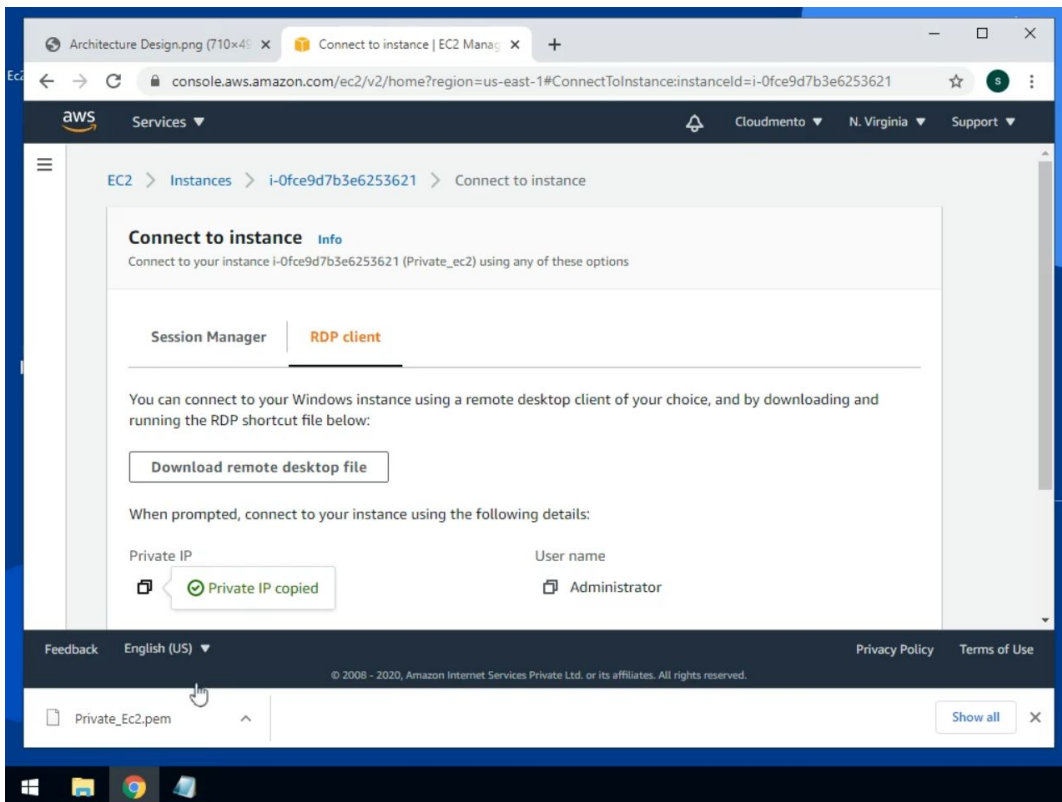
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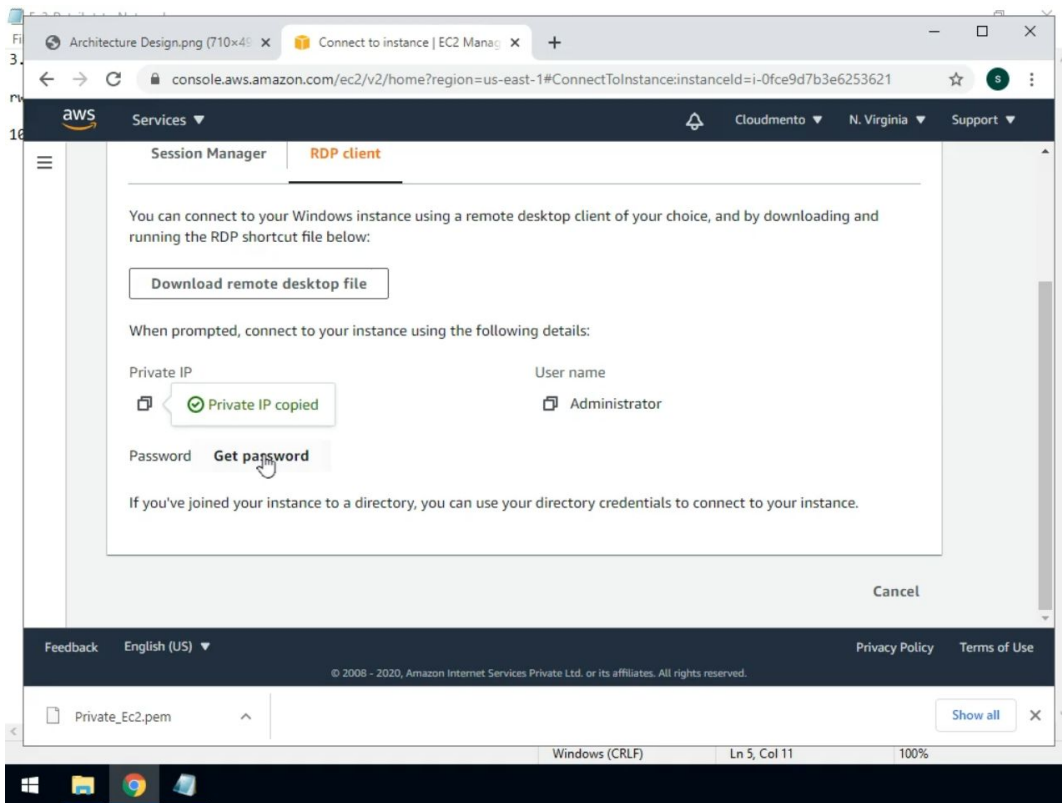
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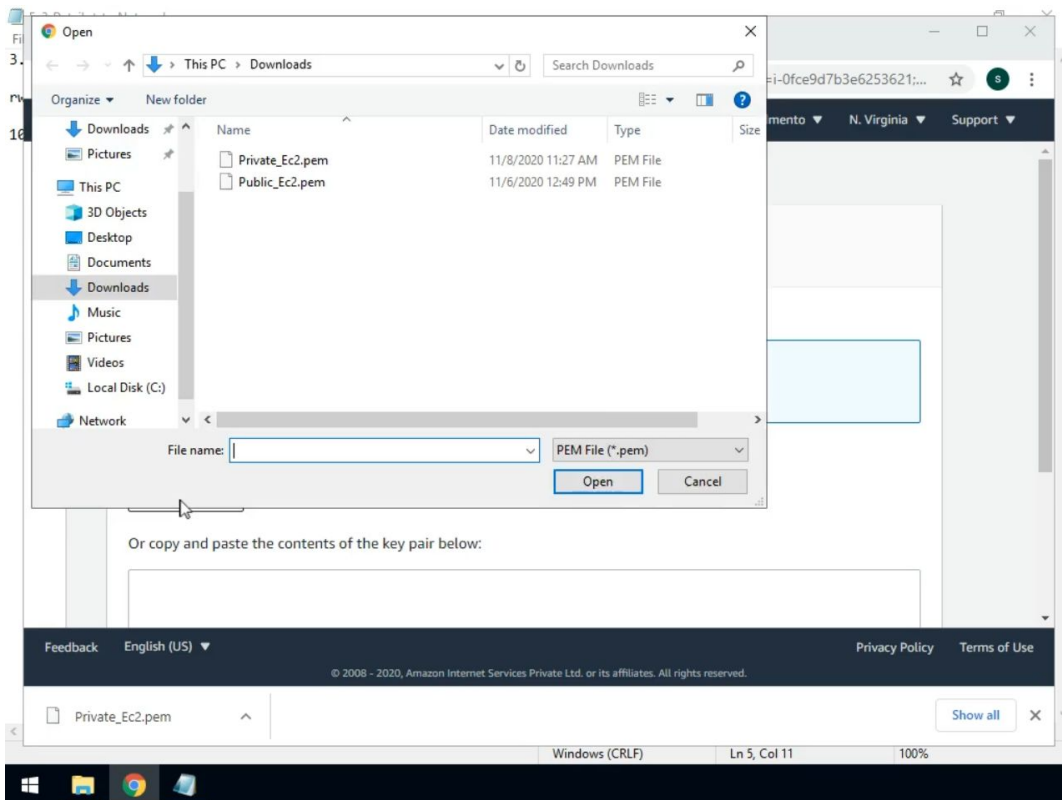
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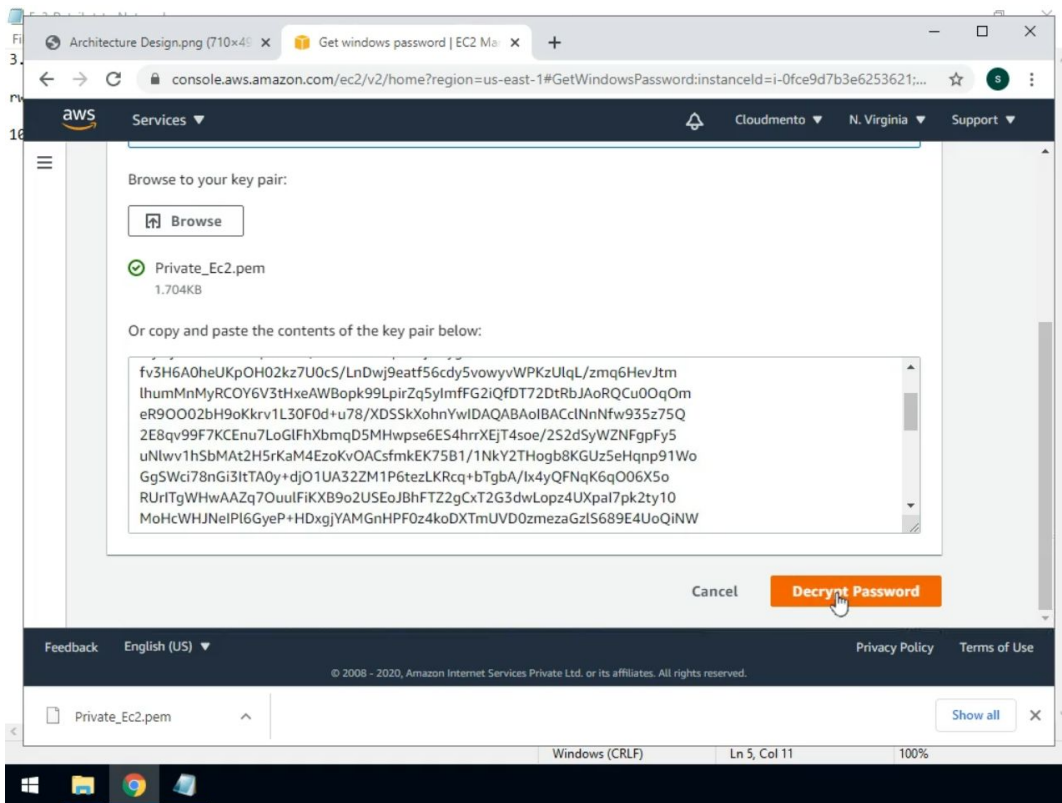
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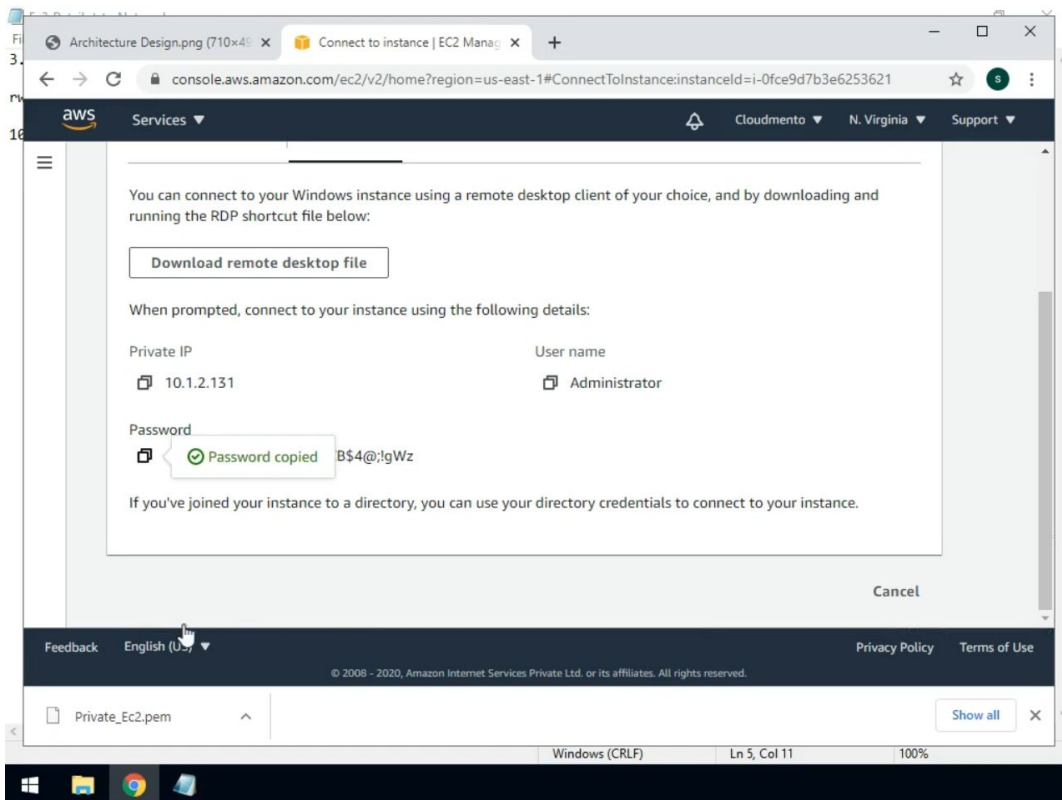
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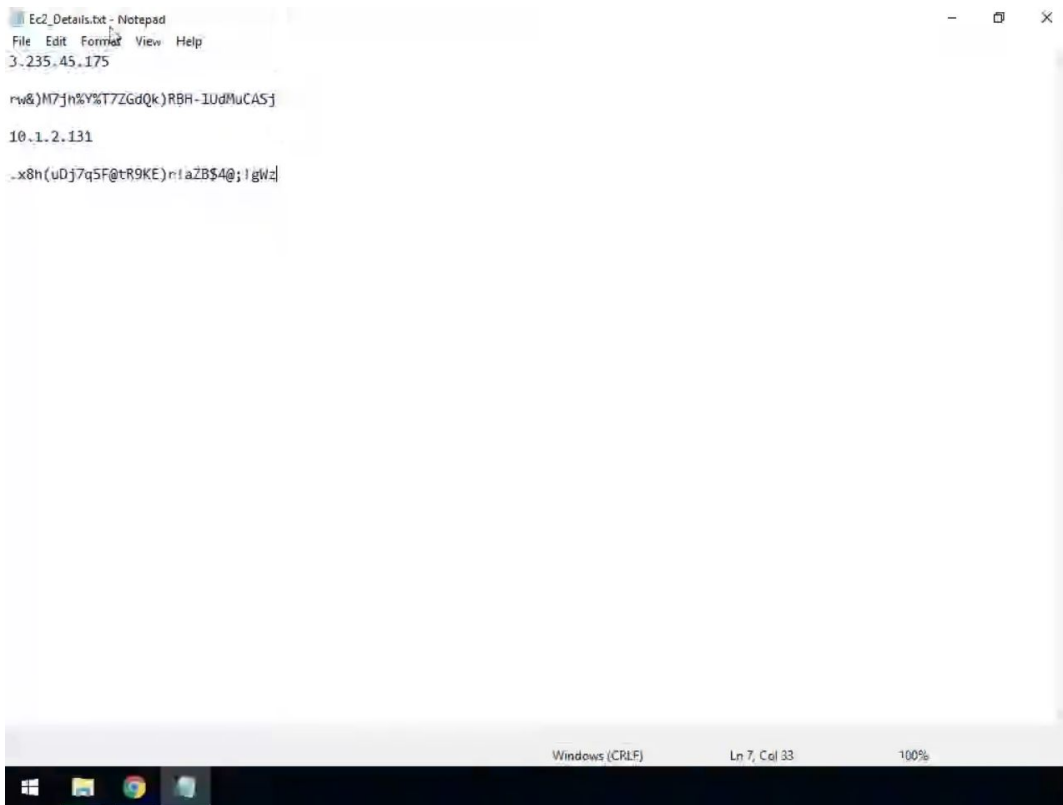
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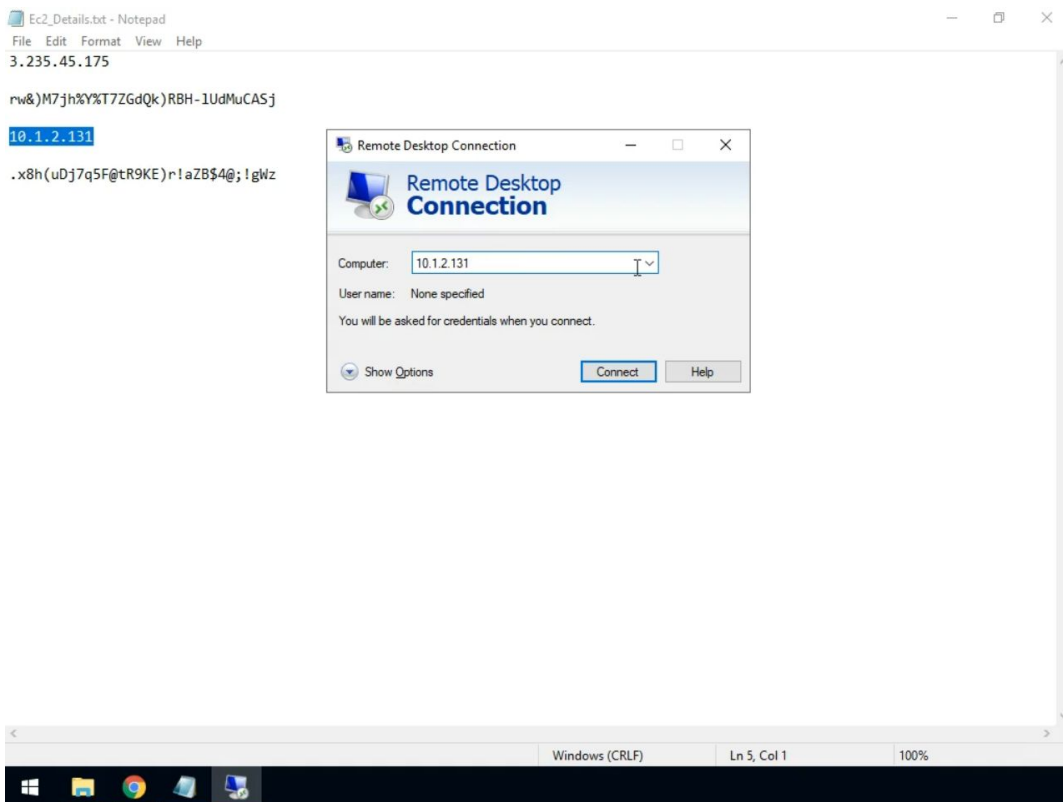
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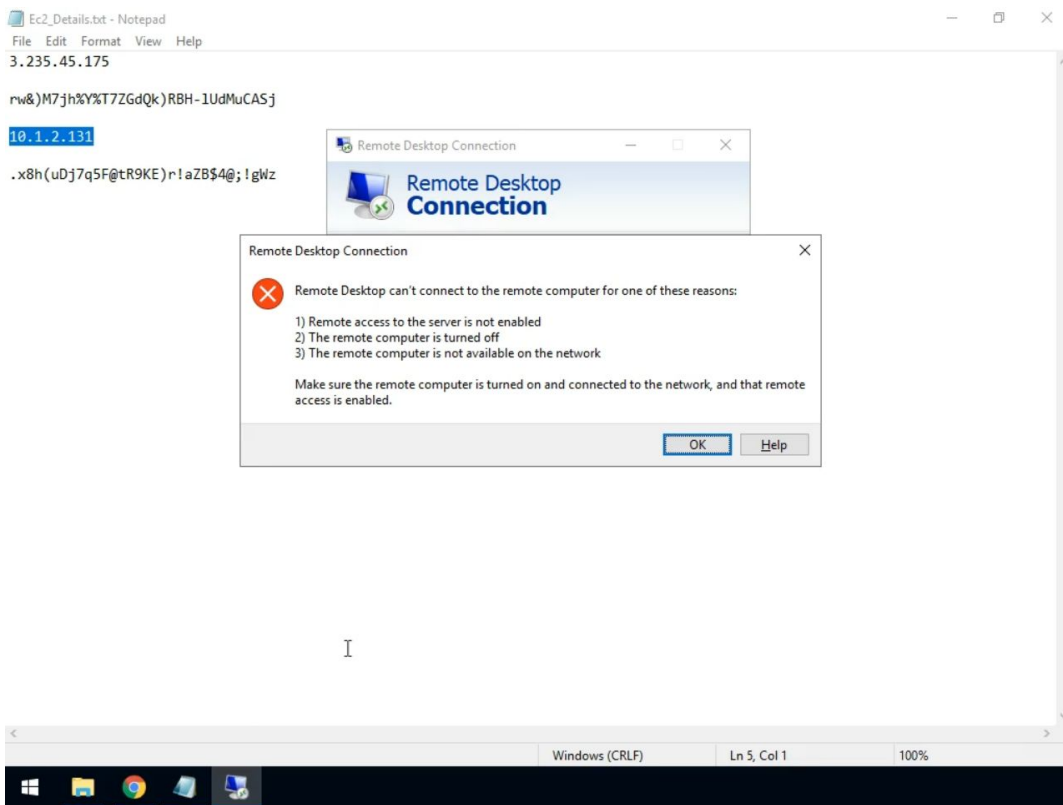
4:38



▶ 4:44



▶ 5:13



▶ 5:19

failed::

we cannot connect the private instance

locally or publically over the internet

▶ 5:28